

Index

A

ADSI, 6-4, 6-5
Aerial targets, 7-1, 7-14 thru 7-17
 Ballistic aerial target system (BATS), 7-17
 BQM-34 Firebee, 7-14 thru 7-16
 MQM-107 Streaker, 7-14 thru 7-16
 Multiple integrated laser engagement system (MILES), 7-5, 7-6, 7-15
 Radio-controlled miniature aerial target (RCMAT), 7-17
 Remotely piloted vehicle target system (RPVTS), 7-1
 Stinger, 3-7
 TOW (employment against), 3-9
Agility, 1-2
Air Defense Artillery
 Employment guidelines, A-2
 Employment principles, A-1
 Forces, 1-1
 Mission, 1-1
 Relation to Army tenets, 1-2
 Symbols, B-1, B-2
 Threat, 1-1, 2-1
Air and Missile Defense, 1-1 thru 1-4, 2-4, 2-5
 Battle command organization, 6-1, 6-2
 Combat function, 1-3
 Force protection, 1-3
 Relation to Army tenets, 1-2, 1-3
Air and Missile Defense Planning and Control System (AMDPCS), 6-1 thru 6-6, 6-14
 Air and missile defense workstation, 6-2, 6-6
 Air defense system integrator (ADSI), 6-4, 6-5

All source analysis system (ASAS), 6-5
Maneuver control system (MCS), 6-5
Air and missile defense workstation (AMDWS), 6-2, 6-4, 6-6
Air battle management operations center (ABMOC), 6-7, 6-8, 6-10, 6-13
Airborne Warning and Control System (AWACS), 6-6, 6-7, 6-10
All source analysis system, 6-5
AN/FSQ-187, Improved moving target simulator (IMTS), 7-1, 7-3, 7-4
Antenna element task trainer, 7-8, 7-10
Antenna equipment, 4-1, 4-2
Antenna mast group (AMG), 5-1 thru 5-5, 5-10
Army Airspace Command and Control (A2C2), 6-3, 6-7, 6-10, 6-13, 6-14, 7-8
Army Air and Missile Defense Command (AAMDC), 6-1, 6-2, 6-4
Avenger weapon system, 3-14 thru 3-17
 Communications equipment, 3-15
 Forward looking infrared receiver (FLIR), 3-14 thru 3-16, 7-7
 Gunner's station, 3-15
 HMMWV characteristics, 3-15, 5-11, 6-10
 Interrogator Friend or Foe (IFF), 3-14 thru 3-16
 Laser range finder (LRF), 3-14 thru 3-16
 Machine gun M3P, 3-14, 3-15
 Remote control unit (RCU), 3-15
 Reticules, 3-16

Sensor system, 6-7, A-1
System description, 3-14 thru 3-16
Training devices, 7-6, 7-7
 Captive flight trainer, 7-6
 Force-on-force trainer, 7-4, 7-6
 Institutional Conduct of Fire trainer (ICOFT), 7-6
 Table top trainer (TTT), 7-6, 7-7
 Troop proficiency trainer (TPT), 7-6, 7-7
Turret, 3-14 thru 3-16, 7-7

B

Balanced fires, A-2, A-3
Ballistic aerial target system (BATS), 7-17
Battery coolant unit (BCU), 3-4, 3-6, 3-15, 7-1
Battle command organizations, AMD, 6-1, 6-2
 Command post (CP), 6-1, 6-2
 Fire Direction Center (FDC), 2-6, 5-1, 6-1, 6-2
 Tactical Operations Center (TOC), 4-7 thru 4-9, 4-15, 5-10, 5-12, 5-14, 6-1, 6-2, 6-7, 7-8
Battle management command, control, communications and intelligence (BM/C3I), 4-1, 4-5 thru 4-7, 4-10, 4-12, 7-12
Bradley Stinger Fighting Vehicle (BSFV), 3-8 thru 3-11, 6-7, 6-10, 7-4
 Employment, 3-6, 3-7, 3-10, 3-11
 Machine gun M240C, 3-10
 Main gun M242, 3-9
 System description, 3-8 thru 3-14
 System characteristics, 3-8, 3-9

TOW missile, 3-9, 7-4	Data link upgrade task trainer, 7-8, 7-9	Mobile subscriber equipment (MSE), 4-6, 4-14, 4-15, 4-17, 5-11 thru 5-13, 6-7 thru 6-9
Training devices, 7-4, 7-5	Defense in depth, A-2, A-3	SINCGARS, 6-7 thru 6-10, 6-12
Bradley missile simulation round (MSR), 7-4, 7-5	Depth, 1-2	Components, 6-7, 6-8
Crew station trainer, 7-4	Digital non-secure voice terminal (DNVT), 4-6, 4-15, 6-7, 6-8	Intelligence, 6-7, 6-8
Force-on-force trainer (FOFT), 7-4, 7-6	Digital secure voice terminal (DSVT), 4-15, 5-13, 6-7, 6-8	Sensors, 6-7, 6-8, 6-10
ICOFT, 7-4	E	Light and special division interim sensor (LSDIS), 6-7, 6-10
Precision gunnery system (PGS), 7-4, 7-5	Early engagement, 3-7, 3-13, A-2	Sentinel, 6-7, 6-10 thru 6-12
Thru sight video camera (TSVC), 7-4, 7-5	Electric power plant, EPP III, 5-3, 5-5	Sensor/C2, 6-7, 6-8
UCOFT, 7-4	Electronic equipment unit (EEU), 4-1 thru 4-5, 7-13	Field handling trainer (FHT), 7-1, 7-2
Brigade TOC, 5-10, 6-2	Electronic equipment unit trainer, 7-13	Fire Direction Center (FDC), 2-6, 5-1, 6-1, 6-2
Communications and navigation equipment, 5-5	Embedded data recorder, 5-4	Firebee, BQM-34, 7-14 thru 7-16
Fire direction center (FDC), 6-2	Employment guidelines, ADA, A-2	FLIR (forward looking infrared receiver), 3-14 thru 3-16, 7-7
Jump tactical operations center (JTOC), 6-2	Employment principles, ADA, A-1	Force on force trainer (FOFT), 7-4, 7-6
C	Empty round trainer (ERT), 7-8, 7-11	Forward area air defense command control communications and intelligence, 6-6
Canister, guided missile (Patriot), 5-7	Enhanced position location reporting system (EPLRS), 3-13, 3-15, 6-7 thru 6-10, 6-12	G
Canister, missile (THAAD), 4-8, 4-9	Engagement Control Station (ECS), 5-3 thru 5-7, 5-10, 5-16, 6-6, 7-8 thru 7-10	Gas Particulate Filter Unit (GPFU), 4-5, 5-2
Command Post (CP), 3-7, 4-16, 6-10	Explosive ordnance disposal trainer, THAAD, 7-11, 7-12	Generator, 10 kW, 4-9, 6-10
Battle command organizations, AMD, 6-1, 6-2	F	Generator, 15 kW, 4-5, 5-7, 5-18
FAAD/C3I system, 7-8 functions, 6-1	FAAD C3I system, 6-6 thru 6-8	Generator, 150 kW, 5-5
Communications relay group (CRG), 5-1 thru 5-3, 5-5, 5-10, 5-10, 5-13	A2C2, 6-3, 6-7, 6-10, 6-13, 6-14, 7-8	Generator, PU-801, 4-5, 4-6
Communications system task trainer, 7-8, 7-9	ABMOC, 6-7, 6-8, 6-10, 6-13	Generator, PU-802, 4-7
Conduct of fire trainer, Patriot (PCOFT), 7-8, 7-9	Command and control, 6-1 thru 6-3, 6-5, 6-7, 6-9, 6-10	Geopolitical assets, 1-1, 2-1
Cooling equipment unit (CEU), 4-1, 4-3, 4-4, 7-12, 7-13	Command post, 7-8	Gripstock assembly, 3-2, 3-4
Cooling equipment unit trainer, 7-13	Communications, 6-8 thru 6-10	Guided missile transporter, 5-18
Cooling liquid tube removal and replacement task trainer, 7-8, 7-10	Enhanced position location reporting system (EPLRS), 6-8 thru 6-10, 6-12	H
	Joint tactical information distribution system (JTIDS), 6-5, 6-7 thru 6-10	HEMTT (heavy expanded mobility tactical truck), 5-4 thru 5-6, 5-18, 7-13
D		HIMAD, 3-6
		Horizontal interaction, 1-3

<p>I</p> <p>Improved moving target simulator (IMTS) AN/FSQ-187, 7-1, 7-3</p> <p>Institutional maintenance trainer (IMT), 7-7, 7-11, 7-12</p> <p>Information and coordination central (ICC), 5-1 thru 5-3, 5-5, 5-10, 5-11, 5-14 thru 5-16, 6-6, 7-9</p> <p>Initiative, 1-1, 1-2</p> <p>Institutional conduct of fire trainer (THAAD), 7-11</p> <p>Integration, 1-4, 7-11, A-1, A-2</p> <p>Intermediate maintenance instructional trainer, 7-8, 7-11</p> <p>Interrogator Friend or Foe (IFF), 3-1, 3-4 thru 3-6, 3-12 thru 3-14, 3-16</p>	<p>March order and emplacement trainer (MOET), 7-8, 7-9, 7-11, 7-13</p> <p>March order and emplacement trainer, radar set (RS MO&E), 7-9</p> <p>Mass, 3-11</p> <p>Master Information and coordination central, 6-6</p> <p>MCS, 6-5</p> <p>METT-TC, A-1, A-3</p> <p>Military symbols, B-1</p> <p>Missile (Stinger), 3-1thru 3-7</p> <p>Missile (THAAD), 4-1, 4-9, 4-10, 7-12</p> <p>Missile round pallet, 4-8, 4-9</p> <p>Missile round trainer (MRT), 7-8, 7-11, 7-12</p> <p>Mix, A-1</p> <p>Mobile subscriber equipment (MSE), 4-6, 4-14, 4-15, 4-17, 5-11 thru 5-13, 6-7 thru 6-9</p> <p>Mobility, 1-3, 2-2, 5-4, 6-2, 6-11, A-1</p> <p>MQM-107, Streaker, 7-14 thru 7-16</p> <p>Multiple integrated laser engagement system (MILES), 7-5, 7-6, 7-15</p> <p>Mutual support, 3-11, 3-10, A-2</p>	<p>Battalion communications equipment, 5-11, 5-12</p> <p>External communications, 5-12, 5-13</p> <p>Internal communications, 5-13, 5-14</p> <p>Battery communications requirements, 5-15, 5-16</p> <p>Communications relay group (CRG), 5-1 thru 5-3, 5-5, 5-10, 5-10, 5-13</p> <p>Electric power plant, EPP III, 5-3, 5-5</p> <p>Engagement Control Station (ECS), 5-3 thru 5-7, 5-10, 5-16, 6-6, 7-8 thru 7-10</p> <p>Gas Particulate Filter Unit (GPFU), 4-5, 5-2</p> <p>Guided missile intercept aerial, 5-7 thru 5-9</p> <p>Information and coordination central (ICC), 5-1 thru 5-3, 5-5, 5-10, 5-11, 5-14 thru 5-16, 6-6, 7-9</p> <p>Launching station (LS), 5-3, 5-6, 5-7, 5-10, 5-16</p> <p>Logistics (supply, maintenance) support, 5-16</p> <p>Master information and coordination central (MICC), 6-1, 6-6</p> <p>Mission, 5-1, 5-8, 5-11</p> <p>Radar set, 7-8, 7-9</p> <p>System description, battalion, 5-1 thru 5-3</p> <p>System description, battery, 5-3 thru 5-9</p> <p>System operational overview, 5-9 thru 5-16</p> <p>Target engagement sequence, 5-9, 5-10</p> <p>Training devices, 7-1 thru 7-13</p> <p>Antenna element task trainer, 7-8, 7-10</p>
<p>J</p> <p>Joint radio operator and maintenance procedures simulator (JROMPS), 7-13</p> <p>Joint tactical information distribution system (JTIDS), 4-8, 4-13, 5-10 thru 5-12, 6-5, 6-7 thru 6-10, 7-13</p>	<p>L</p> <p>Large repair parts transporter, 5-17, 5-18</p> <p>Laser range finder (LRF), 3-14 thru 3-16</p> <p>Launch tube assembly, 3-3</p> <p>Launching station (LS), 5-3, 5-6, 5-7, 5-10, 5-16</p> <p>Launcher (THAAD), 4-8, 4-9, 4-12, 4-16, 4-18, 7-11, 7-12</p>	<p>O</p> <p>Operator control unit (OCU), 4-1, 4-5</p> <p>Organizational maintenance trainer, Patriot (POMT), 7-8 thru 7-10</p> <p>Overlapping fires, 3-7, A-2</p>
<p>M</p> <p>M1075 Truck, 4-8</p> <p>M240C machine gun, 3-10</p> <p>M242 main gun, 3-9</p> <p>M3P machine gun, 3-14, 3-15</p> <p>M983 Truck, 5-4, 5-6</p> <p>M977 Truck, 5-3, 5-5, 5-18</p> <p>Machine gun, 3-8, 3-10, 3-14 thru 3-16</p> <p>Maneuver control system, 6-5</p>	<p>P</p> <p>Patriot missile system, 5-1 thru 5-19</p> <p>Antenna mast group (AMG), 5-1 thru 5-5, 5-10</p> <p>Canister, guided missile, 5-7</p> <p>Communications, 5-1, 5-3 thru 5-5, 5-7, 5-9 thru 5-17</p>	

Communications system task trainer, 7-8, 7-9	Radar frequency comparator task trainer, 7-8, 7-10	Tracking head trainer (THT), 7-1, 7-2
Conduct of fire trainer (PCOFT), 7-8, 7-9	Radar set (Patriot), 7-8, 7-9	Troop proficiency trainer (STPT), 7-1, 7-3, 7-4
Cooling liquid tube removal and replacement task trainer, 7-8, 7-10	Radar cross section (RCS), 2-2 thru 2-5, 2-5, 2-8, 7-15, 7-16	Weapon round container, 3-6,
Data link upgrade task trainer, 7-8, 7-9	RCU (remote control unit, Avenger), 3-15	Small repair parts transporter, 5-17, 5-18
Embedded trainers (ET), 7-8, 7-11	Remotely piloted vehicle target system (RPVTS), 7-1	Streaker, MQM-107, 7-14 thru 7-16
Empty round trainer (ERT), 7-8, 7-11	S	Symbols, B-1, B-2
Explosive ordnance disposal trainer, 7-8, 7-11	Sensor system interface (SSI), 4-7, 4-8, 4-13, 4-15	T
Intermediate maintenance instructional trainer, 7-8, 7-11	SINCGARS (single channel ground and airborne radio system), 3-13, 3,15, 4-7, 4-9, 4-15 thru 4-17, 5-4, 5-11 thru 5-13, 6-7 thru 6-10, 6-12, 7-9	Targets (see Aerial targets)
March order and emplacement trainer, radar set (RS MO&E), 7-8, 7-9	Standardized integrated command post system (SICPS), 6-2, 6-7	Tactical operations center (TOC)
Missile round trainer (MRT), 7-8, 7-11	Stinger MANPADS, 3-1, 3-8, 3-11, 3-13, 6-7, 6-10, 7-1	AMDPCS "jump," 6-2
Organizational maintenance trainer (POMT), 7-8 thru 7-10	Battery coolant unit (BCU), 3-4, 3-6, 3-15, 7-1	brigade, 5-10
Radar frequency comparator task trainer, 7-8, 7-9	Employment, 3-6, 3-7	defined, 6-1, 6-2
Planning, A-1	Gripstock assembly, 3-2, 3-4	division, 6-7
Prime power unit (PPU), 4-1, 4-4, 4-5	IFF, 3-1, 3-4 thru 3-7, 3-12 thru 3-16, 6-10	FAAD C3I training, 7-8
Program,	Launch tube assembly, 3-2, 3-3	Patriot battalion, 5-12, 5-14, 5-15
Display and control, 6-13	Missile, 3-2, 3-11, 3-14, 3-15, 7-5, 7-6	THAAD, 4-1, 4-7 thru 4-9, 4-15
External communications, 4-17, 5-12, 5-13	Missile round, 3-2	Tactical operations station (TOS), 4-5, 4-6
PU-801 generator, 4-6	Missile versions, 3-1	Tactical station group (TSG), 4-7, 4-8, 4-10 thru 4-13, 4-15
PU-802 generator, 4-7	Ready rack, 3-8	Target Object Map (TOM), 4-2, 4-13
R	System characteristics, 3-8, 3-9	Theater High Altitude Area Defense (THAAD)
Radar (THAAD), 4-1 thru 4-4, 4-7, 4-8, 4-10 thru 4-15	System description, 3-8	battery, 4-1, 4-7, 4-13 thru 4-17, 7-13
Radio controlled miniature aerial target (RCMAT), 7-17	Stinger team, 3-1	BM/C3I, 4-1, 4-5 thru 4-7, 4-10, 4-12
	Training devices, 7-1 thru 7-4	communications, 4-13 thru 4-18
	Field handling trainer (FHT), 7-1, 7-2	encryption devices, 4-14
	Force on force trainer (FOFT), 7-6	engagement, 4-10 thru 4-13
	Improved moving target simulator (IMTS) AN/FSQ-187, 7-3	launcher, 4-8, 4-9
		missile, 4-1, 4-9, 4-10, 7-12
		mission, 4-1
		operational overview, 4-10 thru 4-18
		ORD, 7-11
		radar, 4-1, 4-4, 7-13

system description, 4-1 thru 4-10	unmanned aerial vehicle (UAV), 2-5, 2-6, 2-9
threat, 4-1	weapons of mass destruction (WMD), 2-9, 2-10
TOC, 4-1, 4-7 thru 4-9, 4-15	Tracking head trainer (THT), 7-1, 7-2
training devices, 7-11 thru 7-13	Training devices, 7-1 thru 7-13
troop proficiency trainer, 7-13	Aerial targets (see Aerial targets)
Threat, 1-1 thru 1-3, 2-1 thru 2-10	Avenger, 7-6, 7-7
ADA mission, 1-1	Bradley Stinger Fighting Vehicle (BSFV), 7-4, 7-5
aerial reconnaissance, 1-2	FAAD C3I, 7-7, 7-8
AMDPACS, 6-2, 6-3, 6-5	Joint Radio Operator and Maintenance Procedures Simulator (JROMPS), 7-13
artillery, 3-10	Linebacker, 7-4, 7-6
assessment, 6-3	Patriot, 7-8 thru 7-11
ASM, 2-4, 2-5	Sentinel, 7-7
Avenger, 3-14	Stinger, 7-1 thru 7-6
Bradley Linebacker, 3-11	THAAD, 7-11 thru 7-13
class, 4-13	Troop proficiency trainer (TPT)
cruise missile (CM), 2-3, 2-9, 5-8	Avenger, 7-6, 7-7
denial, 1-3	C3I, 7-8
ECM, 5-7	Patriot, 7-11
evaluation, 4-10 thru 4-12	Sentinel, 7-7
electronic warfare, 2-5, 2-8, 6-14	Stinger, 7-2
evolving, 2-1 thru 2-10, 3-1	THAAD, 7-13
FAAD/C3I, 6-7	Truck, M977, 5-3, 5-5, 5-8
fixed wing aircraft, 2-7 thru 2-9	Truck, M983, 5-4, 5-6
guidelines to counter, A-2, A-3	Truck, M1075, 4-8
helicopter, 2-6, 2-7, 2-9	V
large caliber rockets (LCR), 2-1 thru 2-3, 2-9, 2-10	Versatility, 2-4, 2-6
NBC, 2-4, 2-9	Vertical integration, 1-4
Patriot, 5-1, 5-11, 6-6	W
principles to counter, A-1, A-2	Weighted coverage, A-2, A-3
prioritization, 4-10, 4-11, A-3	
RSTA, 1-1, 3-14	
Sentinel, 6-14	
tactical ballistic missile (TBM), 4-1, 4-11, 5-8	
THAAD, 4-1	
types, 1-1, 4-10	